

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	Attorney Docket Number	MS0013YP
	First Named Inventor	Nicholas David Peter Cosford, et al.
	<b>COMPLETE IF KNOWN</b>	
	Application Number	
	Filing Date	
	Group Art Unit	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing         OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)		Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ALKYNE DERIVATIVES AS TRACERS FOR METABOTROPIC GLUTAMATE RECEPTOR BINDING**

(Title of the Invention)

the specification of which

☐ bears the Attorney Docket Number and Title of the Invention noted above

OR

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 10/24/2003 as United States Application Number or PCT International Application Number PCT/US03/33613 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed?
				YES NO
				<input type="checkbox"/> <input type="checkbox"/>
				<input type="checkbox"/> <input type="checkbox"/>
				<input type="checkbox"/> <input type="checkbox"/>
				<input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Attorney Docket Number
60/420,809	10/24/2002	MS0013PV

### DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

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As a named inventor, I hereby appoint, respectively and individually, as my attorney(s) or agent(s) with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

☐ Customer Number   
OR  
☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
David Rubin	45,570	David L. Rose	26,332

Direct all correspondence to: ☒ Customer Number

Name	David Rubin				
Address	Merck & Co., Inc. - Patent Department				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-2675	Fax	(732)594-4720

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
<del>Matthew P.</del>		<del>Brown</del>			
Inventor's Signature				Date	
Residence: City	<del>Scotch Plains</del>	State	<del>NJ</del>	Country	<del>US</del>
				Citizenship	<del>US</del>
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>34</u> supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.					

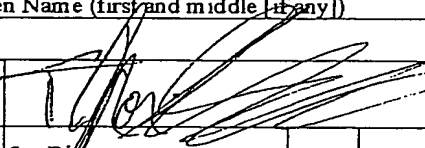

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)  
Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Nicholas David Peter				Cosford			
Inventor's Signature	<i>Nicholas David Peter Cosford</i>			Date	15-Jan-2004		
Residence: City	San Diego	State	CA	Country	US	Citizenship	UK
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Steven Patrick				Govek			
Inventor's Signature	<i>Steve P. Govek</i>			Date	15-Jan-2004		
Residence: City	Del Mar	State	CA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Terence Gerard				Hamill			
Inventor's Signature	<i>Terence Gerard Hamill</i>			Date	18 Jan 04		
Residence: City	Lansdale	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Theodore				Kamenecka			
Inventor's Signature	<i>Ted Kamenecka</i>			Date	Jan 15, 2004		
Residence: City	San Diego	State	CA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		

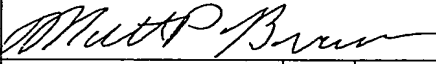
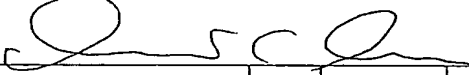

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Thomas Jonathan				Seiders			
Inventor's Signature						Date	
						15-Jan-2004	
Residence: City	San Diego	State	CA	Country	US	Citizenship	US
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Jeffrey Roger				Roppe			
Inventor's Signature						Date	
						15-JAN-2004	
Residence: City	Temecula	State	CA	Country	US	Citizenship	US
Post Office Address		Merck & Co., Inc., P.O. Box 2000					
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Celine				Bonnefous			
Inventor's Signature						Date	
Residence: City	San Diego	State	CA	Country	US	Citizenship	FR
Post Office Address		Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court					
City	San Diego	State	CA	ZIP	92121		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Donald				Burns			
Inventor's Signature						Date	
Residence: City	Harleysville	State	PA	Country	US	Citizenship	US
Post Office Address		Merck Research Laboratories, Sunnyside Pike, P.O. Box 4					
City	West Point	State	PA	ZIP	19486		

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Given Name (first and middle [if any])				Family Name or Surname			
Matthew P.				Braun			
Inventor's Signature				Date	03-Feb-2004		
Residence: City	Scotch Plains	State	NJ	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Dennis C.				Dean			
Inventor's Signature				Date	2/03/04		
Residence: City	Cranford	State	NJ	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Joseph Paul				Simeone			
Inventor's Signature				Date	2/3/04		
Residence: City	Harrington Park	State	NJ	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
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Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
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# FILE

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PATENT APPLICATION  
(37 CFR 1.63)**

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Attorney Docket Number MS0013Y

First Named Inventor Nicholas David Peter Cosford, et al.

**COMPLETE IF KNOWN**

Application Number

Filing Date

Group Art Unit

Examiner Name

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☐ is attached hereto

OR

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed?	
				YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
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I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

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☒ Practitioners Associated with the Customer Number **000210**  
 OR  
☐ Registered practitioner(s) named below

Name	Registration Number	Name	Registration Number

Direct all correspondence to: ☒ Customer Number **000210**

Name	David Rubin				
Address	Merck & Co., Inc. - Patent Department				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-2675	Fax	(732)594-4720

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])		Family Name or Surname			
Nicholas David Peter		Cosford			
Inventor's Signature				Date	
Residence: City	San Diego	State	CA	Country	US
				Citizenship	UK
Mailing Address	Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court				
City	San Diego	State	CA	ZIP	92121
				Country	U.S.A.

☒ Additional inventors are being named on the 4 supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.

# DECLARATION AND POWER OF ATTORNEY

## ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Steven Patrick		Govek					
Inventor's Signature						Date	
Residence: City	Del Mar	State	CA	Country	US	Citizenship	US
Mailing Address	Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court						
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Theodore		Kamenecka					
Inventor's Signature						Date	
Residence: City	San Diego	State	CA	Country	US	Citizenship	US
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City	San Diego	State	CA	ZIP	92121	Country	U.S.A.

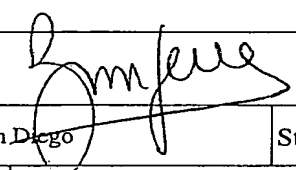
  

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Given Name (first and middle [if any])		Family Name or Surname					
Thomas Jonathan		Seiders					
Inventor's Signature						Date	
Residence: City	San Diego	State	CA	Country	US	Citizenship	US
Mailing Address	Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court						
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Given Name (first and middle [if any])				Family Name or Surname			
Celine				Bonnefous			
Inventor's Signature				Date		07 Apr 2007	
Residence: City		San Diego		State CA		Country US	
Mailing Address		Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court					
City		San Diego		State CA		ZIP 92121	
				Country		U.S.A.	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Matthew P.				Braun			
Inventor's Signature				Date			
Residence: City		Scotch Plains		State NJ		Country US	
Mailing Address		Merck & Co., Inc. P.O. Box 2000					
City		Rahway		State NJ		ZIP 07065-0907	
				Country		U.S.A.	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Dennis C.				Dean			
Inventor's Signature				Date			
Residence: City		Cranford		State NJ		Country US	
Mailing Address		Merck & Co., Inc. P.O. Box 2000					
City		Rahway		State NJ		ZIP 07065-0907	
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Joseph Paul				Simeone			
Inventor's Signature				Date			
Residence: City		Harrington Park		State NJ		Country US	
Mailing Address		Merck & Co., Inc. P.O. Box 2000					
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 OR  
☐ Registered practitioner(s) named below

Name	Registration Number	Name	Registration Number

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Name	David Rubin				
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Address	P.O. Box 2000, RY60-30				
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Inventor's Signature				Date			
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Residence: City		Del Mar		State CA		Country US	
Mailing Address		Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court					
City		San Diego		State CA		ZIP 92121	
				Country		U.S.A.	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Theodore				Kamenecka			
Inventor's Signature				Date			
Residence: City		San Diego		State CA		Country US	
Mailing Address		Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court					
City		San Diego		State CA		ZIP 92121	
				Country		U.S.A.	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Jeffrey Roger				Roppe			
Inventor's Signature				Date			
Residence: City		Temecula		State CA		Country US	
Mailing Address		Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court					
City		San Diego		State CA		ZIP 92121	
				Country		U.S.A.	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Thomas Jonathan				Seiders			
Inventor's Signature				Date			
Residence: City		San Diego		State CA		Country US	
Mailing Address		Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court					
City		San Diego		State CA		ZIP 92121	
				Country		U.S.A.	

<b>DECLARATION AND POWER OF ATTORNEY</b>	<b>ADDITIONAL INVENTOR(S) Supplemental Sheet</b>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Celine				Bonnefous			
Inventor's Signature					Date		
Residence: City	San Diego	State	CA	Country	US	Citizenship	FR
Mailing Address	Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court						
City	San Diego	State	CA	ZIP	92121	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Matthew P.				Braun			
Inventor's Signature					Date		
Residence: City	Scotch Plains	State	NJ	Country	US	Citizenship	US
Mailing Address	Merck & Co., Inc. P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Dennis C.				Dean			
Inventor's Signature					Date		
Residence: City	Cranford	State	NJ	Country	US	Citizenship	US
Mailing Address	Merck & Co., Inc. P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Joseph Paul				Simeone			
Inventor's Signature					Date		
Residence: City	Harrington Park	State	NJ	Country	US	Citizenship	US
Mailing Address	Merck & Co., Inc. P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907	Country	U.S.A.

# DECLARATION AND POWER OF ATTORNEY

## ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Terrence Gerard				Hamill			
Inventor's Signature						Date	
Residence: City	Lansdale	State	PA	Country	US	Citizenship	US
Mailing Address	Merck Research Laboratories, Sumneytown Pike, P.O. Box 4						
City	West Point	State	PA	ZIP	19486	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Donald				Burns			
Inventor's Signature	<i>Donald Burns</i>					Date	8-Apr--2005
Residence: City	Harleysville	State	PA	Country	US	Citizenship	US
Mailing Address	Merck Research Laboratories, Sumneytown Pike, P.O. Box 4						
City	West Point	State	PA	ZIP	19486	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Mailing Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Mailing Address							
City		State		ZIP		Country	

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**FILE**

Merck & Co., Inc.  
P.O. Box 2000  
Rahway, NJ 07065

Patent Department

**Facsimile Cover Sheet****TODAY'S DATE:** August 29, 2006**PLEASE DELIVER THE FOLLOWING MESSAGE TO:**Examiners Name: Mr. Winston AlvaradoExaminer's fax number: (571) 270-9878

Group number: \_\_\_\_\_

**THIS MESSAGE IS FROM:**Name: David RubinPhone No.: (732) 594-2675Mail Location: RY60-30Fax No.: (732) 594-1540**RE:** Applicants: Cosford, et al.Case No.: MS0013YPSerial No.: 10/532,634Filed: 24 October 2003Title: ALKYNE DERIVATIVES AS TRACERS FOR METABOTROPIC  
GLUTAMATE RECEPTOR BINDINGNUMBER OF PAGES BEING TRANSMITTED (INCLUDING COVER): 15

Dear Mr. Alvarado, As we discussed yesterday, attached are the declarations for all eleven inventors in the referenced application. I am currently working with the PCT in Geneva to figure out the IB306 situation. If you could hold off a few days before taking any further action I would appreciate it.

*David Rubin***CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Kathleen A. Reynolds

Type or print name of person signing certification

*Kathleen A. Reynolds*

Signature

August 29, 2006

Date

THE PATENT & TRADEMARK OFFICE ACKNOWLEDGES, AND HAS  
STAMPED HEREON, THE DATE OF THE RECEIPT AND THE ASSIGNED  
SERIAL NUMBER OF THE FOLLOWING PATENT APPLICATION: *MS0013YP*

CASE NUMBER	DATE	ATTORNEY	EXPRESS MAIL <input checked="" type="checkbox"/>
MS0013YP	April 25, 2005	D. Rubin	EV 422539124 US
TITLE <b>ALKYNE DERIVATIVES AS TRACERS FOR METABOTROPIC GLUTAMATE RECEPTOR BINDING</b> <i>JC10 Rec'd PCT/PTO 25 APR 2005</i>			
INVENTORS Nicholas D.P. Cosford, Steven Patrick Govek, Theodore Kamenecka, Jeffrey Roger Roppe, Thomas Jonathan Seiders, Celine Bonnefous, Matthew P. Braun, Dennis C. Dean, Joseph Paul Simeone, Terrence Gerard Hamill, Donald Burns			
NO. OF PAGES <i>73</i>	NO. OF CLAIMS <i>22</i>	PAGES OF DRAWING <i>0</i>	
DECLARATIONS <i>Three executed declarations</i> Encl. preliminary amend.		ACCOUNT CHARGE 13 - 2755 <i>\$ 1,100.00</i>	

PSN1071.3 REV.9/93

*10/532634*

**DOCKETED**  
MAY 10 2005  
KATHY KLUTKOWSKI



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TO: MAIL STOP Office / Legal Admin.  
The Richard M. Ross  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

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